

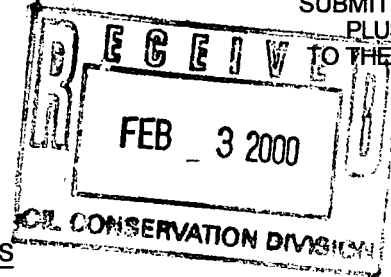
1618

District I - (505) 393-6161
1625 N. French Dr
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form C-142
Date 06/99

SUBMIT ORIGINAL
PLUS 2 COPIES
TO THE SANTA FE
OFFICE



APPLICATION FOR NEW WELL STATUS

I. Operator and Well

Operator name & address Mack Energy Corporation P.O. Box 960 Artesia, NM 88211-0960						OGRID Number 013837		
Contact Party Robert C. Chase						Phone (505)748-1288		
Property Name Berry A Federal					Well Number 12	API Number 30-015-30670		
UL C	Section 21	Township 17S	Range 30E	Feet From The 990	North/South Line North	Feet From The 1790	East/West Line West	County Eddy, NM

II. Date/Time Information

Spud Date 12/14/99	Spud Time 2:30 pm	Date Completed 1/8/00	Pool Loco Hills Paddock
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III. Attach copies of Form C-103 or Federal Form 3160-5 showing date/time of drilling commenced and Form C-105 or Federal Form 3160-4 showing well was completed as a producer.

IV. Attach a list of all working interest owners with their percentage interests.

V. AFFIDAVIT:

State of New Mexico)
County of Eddy) ss.
Rebecca S. Ericson, being first duly sworn, upon oath states:

1. I am the Operator, or authorized representative of the Operator, of the above-referenced well.
2. To the best of my knowledge, this application is complete and correct.

Signature Rebecca S. Ericson Title Vice President Date 2/1/00

SUBSCRIBED AND SWORN TO before me this 1st day of February, 2000

My Commission expires: 12-09-03 Notary Public Crista D. Cat

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a New Well. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval.

Signature <u>Mark Behm</u>	Title <u>P.E. Spe.</u>	Date <u>3-8-00</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 3/8/00

NOTICE: The operator must notify all working interest owners of this New Well certification.

PVZV2010849935

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUBMIT IN DUPLICATE*
(See other in-
struction on
reverse side)FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 19915. LEASE DESIGNATION AND SERIAL NO.
LC-054988-A

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1a. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR

Mack Energy Corporation

8. FARM OR LEASE NAME, WELL NO

Berry A Federal #12

3. ADDRESS AND TELEPHONE NO.

P.O. Box 960, Artesia, NM 88211-0960 (505) 748-1288

9. API WELL NO.

30-015-30670

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

990 FNL 1790 FWL

At top prod. interval reported below

990 FNL 1790 FWL

At total depth

990 FNL 1790 FWL

10. FIELD AND POOL, OR WILDCAT

Loco Hills Paddock11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA**Sec 21 T17S R30E**

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR
PARISH
Eddy13. STATE
NM

15. DATE SPUDDED

12/14/99

16. DATE T.D. REACHED

12/28/99

17. DATE COMPL. (Ready to prod.)

1/8/00

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)

3658 RKB

19. ELEV. CASING HEAD

3656

20. TOTAL DEPTH, MD & TVD

4840

21. PLUG, BACK T.D., MD & TVD

480122. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

Yes

CABLE TOOLS

24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*

4346-4755.5 Paddock25. WAS DIRECTIONAL
SURVEY MADE**Yes**

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray

27. WAS WELL CORED

No

28.

CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB/FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13 3/8	54.5	450	17 1/2	450 sx	None
8 5/8	24	1041	12 1/4	475 sx	None
5 1/2	17	4814	7 7/8	915 sx	None

29.

LINER RECORD

30. TUBING RECORD

SIZE	T O P (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	4278	

31. PERFORATION RECORD (Interval, size and number)

4346-4755.5, 1/2, 96

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4346-4755.5	32,000 gals 20% HCL acid
4346-4755.5	54,000 gals 40# gel
4346-4755.5	5000 gals cold 15% acid
4346-4755.5	2000 gals 15% HCL acid

33.

PRODUCTION

DATE FIRST PRODUCTION 1/18/00		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) submersible				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 1/28/00	HOURS TESTED 24	CHOKE SIZE None	PROD'N FOR TEST PERIOD →	OIL-BBL. 111	GAS-MCF. 121	WATER-BBL. 485	GAS-OIL RATIO 1090
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL-BBL. 111	GAS-MCF. 121	WATER - BBL. 485	OIL GRAVITY - API (CORR.) 38	

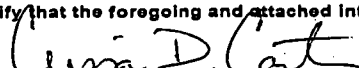
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED



TITLE

Production Analyst

DATE

1/28/00

*(See Instructions and spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

JAN 7 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Mack Energy Corporation

3. Address and Telephone No.

P.O. Box 960, Artesia, NM 88211-0960

(505)748-1288

4. Location of Well (Footage, Sec., T. R., M. or Survey Description)

Sec 21-T17S-R30E 990 FNL & 1790 FWL

5. Lease Designation and Serial No.

LC-054988-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Berry A Federal #12

9. API Well No.

30-015-30670

10. Field and Pool, or Exploratory Area

Loco Hills Paddock

11. County or Parish, State

Eddy, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐
- Notice of Intent
-
- ☒
- Subsequent Report
-
- ☐
- Final Abandonment Notice

TYPE OF ACTION

- ☐
- Abandonment
-
- ☐
- Recompletion
-
- ☐
- Plugging Back
-
- ☐
- Casing Repair
-
- ☐
- Altering Casing
-
- ☒
- Other Spud & Cement Casings

- ☐
- Change of Plans
-
- ☐
- New Construction
-
- ☐
- Non-Routine Fracturing
-
- ☐
- Water Shut-Off
-
- ☐
- Conversion to Injection
-
- ☐
- Dispose Water

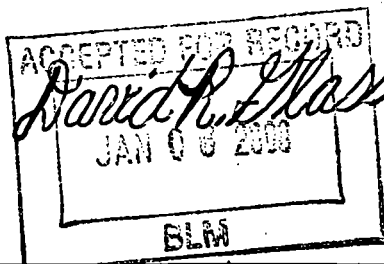
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

12/14/1999 Spud 2:30AM (called BLM Carlsbad) 17 1/2" hole.

12/15/1999 TD 17 1/2" hole at 4:20AM (called Duncan said would not witness), 455', RIH 11jts 13 3/8" 54.5# ST&C K-55 set at 450', C/w 450sx Class C 2%CaCl, plug down 8:00AM circ 81sx. WOC, NU. RIH with bit #2 12 1/4", drlg new formation.

12/16/1999 TD 12 1/4" hole @ 1047', 7:00AM, RIH 23 jts 8 5/8" 24# J-55 ST&C @ 1041' C/w 275sx 35/65Lite 6%Gel, 3#salt 1/4#CF, tail 200sx Class C 2% CaCl (circ 122sxs) plug down 11:55AM, WOC NUBOP.



14. I hereby certify that the foregoing is true and correct

Signed

Crista D. Carter

Title

Production Analyst

Date

1/4/00

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

•See Instruction on Reverse Side

PROPERTY	DOI	MO/YR	PROPERTY NAME	OWNER SQ	OWNER NAME	INTEREST	INTEREST TYPE	LAST CHANGE
000100	012	J1	10/92 BERRY A FEDERAL 12					
			006172	00	THE HOMESTAKE OIL & GAS CO.	.06250000	1 WOR	5/18/99
			006243	00	JAMES D. BROWN	.01000000	1 WOR	5/18/99
			006470	00	REBECCA ERICSON	.01000000	1 WOR	5/18/99
			999101	00	CHASE OIL CORPORATION	.64250000	1 WOR	5/18/99
			999104	00	RICHARD L. CHASE	.08750000	1 WOR	5/18/99
			999105	00	GERENE DIANNE CHASE CROUCH	.07500000	1 WOR	5/18/99
			999106	00	ROBERT C. CHASE	.11250000	1 WOR	5/18/99
					TOTAL INTEREST	1.00000000		